

**OAQ Process Information Application****PI-13: LIME MANUFACTURING**

State Form 52553 (2-06)

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT****IDEM – Office of Air Quality – Permits Branch**  
100 N. Senate Avenue, Indianapolis, IN 46204Telephone: (317) 233-0178 or  
Toll Free: 1-800-451-6027 x30178 (within Indiana)  
Facsimile Number: (317) 232-6749  
[www.IN.gov/idem/air/permits/index.html](http://www.IN.gov/idem/air/permits/index.html)**NOTES:**

- The purpose of this form is to obtain detailed information about the combustion process. Complete one form for each combustion unit (or group of identical combustion units).
- Detailed **instructions** for this form are available online at [www.IN.gov/idem/air/permits/apps/instructions/pi13instructions.html](http://www.IN.gov/idem/air/permits/apps/instructions/pi13instructions.html).
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

**Part A: Lime Manufacturing Processes**

Part A identifies the processes related to Lime Manufacturing and additional forms that may be needed.

1. Process	2. Use the form listed for the specified processes. Check all that apply.
a. Quarrying Activities	This form is included for any quarry or mine activity: <div style="text-align: right;"><input type="checkbox"/> PI-18      <input type="checkbox"/> N/A</div>
b. Storage and Handling of Raw Materials	This form is included for raw materials unloading / storage: <div style="text-align: right;"><input type="checkbox"/> PI-03      <input type="checkbox"/> N/A</div>
c. Crushing and Sizing of raw materials (material processing)	This form is included for the processing of raw materials: <div style="text-align: right;"><input type="checkbox"/> PI-18      <input type="checkbox"/> N/A</div>
d. Storage and Handling of Ground materials	This form is included for ground material unloading / storage: <div style="text-align: right;"><input type="checkbox"/> PI-03      <input type="checkbox"/> N/A</div>
e. Kiln	<div style="text-align: right;"> <input type="checkbox"/> PI-02A      <input type="checkbox"/> N/A  <input type="checkbox"/> PI-02E      <input type="checkbox"/> N/A  <input type="checkbox"/> PI-02G      <input type="checkbox"/> N/A  <input type="checkbox"/> PI-02H      <input type="checkbox"/> N/A </div> <p>These forms are included for the kiln:</p>
f. Fuel Type for Kiln (other than Natural Gas)	Submit following form if fuel other than natural gas used: <div style="text-align: right;"><input type="checkbox"/> PI-02F      <input type="checkbox"/> N/A</div>
g. Crushing and Sizing of Finished Products (Material Processing)	This form is included for the processing of finished products: <div style="text-align: right;"><input type="checkbox"/> PI-18      <input type="checkbox"/> N/A</div>
h. Storage and Handling of Finished Product	This form is included for the handling / storage of finished products: <div style="text-align: right;"><input type="checkbox"/> PI-03      <input type="checkbox"/> N/A</div>
i. Other process(es)	This form is included for (specify process): <div style="text-align: right;"><input type="checkbox"/>      <input type="checkbox"/> N/A</div>

This space was intentionally left blank.

### PART B: Lime Manufacturing Summary

Part B identifies the lime manufacturing details.

<b>3. Unit ID:</b>	<b>4. Installation Date:</b> <i>(actual or anticipated)</i>
<b>5. How many (<i>identical</i>) process units are identified in this form?</b>	<input type="checkbox"/> One <input type="checkbox"/> More than one ( <i>specify number</i> ) : _____
<b>6. Maximum Amount of Raw Materials Processed:</b>	tons per hour ( <i>tons/hr</i> )
	tons per year ( <i>tpy</i> )
<b>7. Raw Material</b> ( <i>as a percentage of total</i> ):	<input type="checkbox"/> Calcium Carbonate <input type="checkbox"/> Aragonite <input type="checkbox"/> Chalk <input type="checkbox"/> Chalk <input type="checkbox"/> Coral <input type="checkbox"/> Marble <input type="checkbox"/> Seashells <input type="checkbox"/> Other ( <i>specify</i> ):
<b>8. Maximum Amount of Lime Produced:</b>	tons per year ( <i>tpy</i> )

### PART C: Federal Rule Applicability

Part C identifies any federal rules that apply to the process.

<b>9. Is a New Source Performance Standard (NSPS)</b> applicable to this source? <i>If yes, identify the affected emission units and attach a completed FED-01 for each rule that applies.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<b>10. Unit ID(s)</b>
<input type="checkbox"/> 40 CFR Part 60, Subpart HH Lime Manufacturing Plants		
<input type="checkbox"/> 40 CFR Part 60, Subpart UUU Calciners and Dryers in Mineral Industries		
<b>11. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP)</b> applicable to this source? <i>If yes, identify the affected emission units and attach a completed FED-01 for each rule that applies.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<b>12. Unit ID(s)</b>
<input type="checkbox"/> 40 CFR Part 63, Subpart AAAAA Lime Manufacturing		
<b>13. Non-Applicability Determination:</b> Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.		